Algebra II GHP Name\_\_\_\_\_\_\_\_\_\_\_\_\_

Unit 10 Test Review Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I. Classifying Polynomials

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Expression | Polynomial (yes/no) | List the Coefficients | Degree of Polynomial | # of terms (name) |
| 1) |  |  |  |  |
| 2) |  |  |  |  |
| 3) |  |  |  |  |
| 4) |  |  |  |  |
| 5) |  |  |  |  |
| 6) |  |  |  |  |
| 7) |  |  |  |  |
| 8) 5x2 + 9 |  |  |  |  |

II. Adding, Subtracting & Multiplying Polynomials

**Simplify:**

9)

10)

11)

12)

13)

14)

15)

16)

17)

III. Dividing Polynomials

**Simplify:**

18)

**Use Long Division:**

19)  20) 

**Use Synthetic Division:**

21)  22) 